Amendments to the Specification:

Please amend the title on page 1 as follows:

~~METHOD AND APPARATUS FOR~~ MANAGING IP ADDRESSES AND NAME MAPPINGS FOR WIRELESS CLIENTS

Please amend the Technical Field paragraph on page 1 as indicated:

1. Technical Field:

The present invention relates generally to an improved data processing system~~, and in particular, to a method and apparatus~~ for managing Internet Protocol (IP) addresses. Still more particularly, the present invention relates to ~~a method, apparatus, and computer instructions for cleaning up~~ the removal of unused IP addresses and name mappings for wireless clients.

Please amend the Summary of the Invention on page 5 as indicated:

SUMMARY OF THE INVENTION

The present invention provides ~~a method, apparatus, and computer instructions~~ an optimized process for managing network addresses. A received network address from a current server is compared for use in identifying the data processing system with a prior network address from a previous server. A release data packet is created if the received network address is a new network address and the previous server is a different server than the current server in which the release data packet includes the prior network address. The release data packet is sent to the previous server in which the release data packet causes the previous server to release the prior network address for reuse.